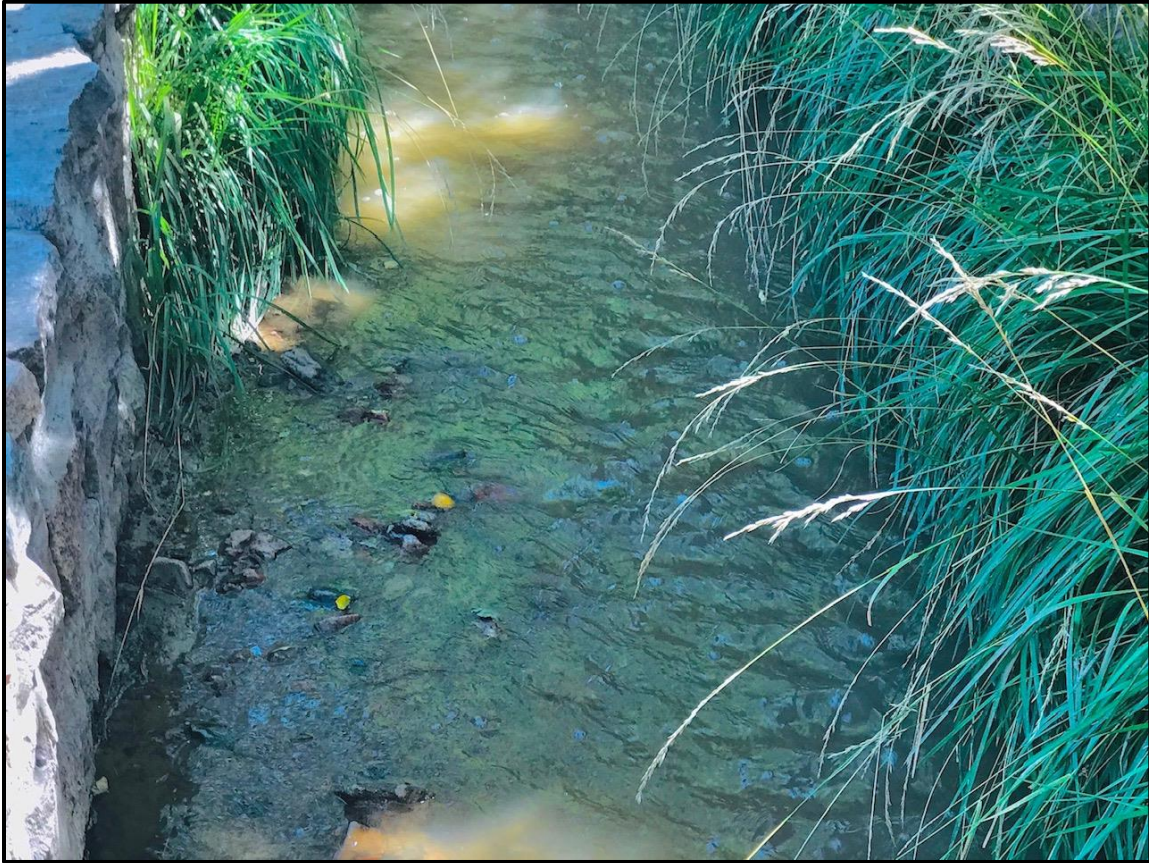


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**FY 2024 MS4 Annual Report  
in Compliance with  
MS4 Permit NMR040000**



**DRAFT**

August 9, 2024

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## List of Attachments

- Santa Fe County MS4 Jurisdiction Map
- Santa Fe County MS4 Stormwater Management Priority Areas Map and Matrix of Pollutants of Concern and Probable Sources

## Annual Report Format



### National Pollutant Discharge Elimination System Stormwater Program MS4 Annual Report Form



Check box if you are submitting an individual Annual Report with cooperative program elements

Check box if you are submitting an individual Annual Report with individual program elements

Check box if this is a new name, address, etc.

#### 1. MS4(s) Information

Santa Fe County

Name of MS4

Leandro

Cordova

Deputy County Manager

Name of Contact Person (First)

(Last)

(Title)

505-995-9517

lcordova@santafecountynm.gov

Telephone (including area code)

E-mail

100 Catron St.

Mailing Address

Santa Fe

NM

87501

City

State

ZIP code

What size population does your MS4(s) serve?

11,000

NPDES number

NMR040000

What is the reporting period for this report? (mm/dd/yyyy) From

07/01/2023

to

06/30/2024

#### 2. Water Quality Priorities

A. Does your MS4(s) discharge to waters listed as impaired on a state 303(d) list?  Yes  No

B. If yes, identify each impaired water, the impairment, whether a TMDL has been approved by EPA for each, and whether the TMDL assigns a wasteload allocation to your MS4(s). Use a new line for each impairment, and attach additional pages as necessary.

Impaired Water	Impairment	Approved TMDL	TMDL assigns WLA to MS4
Santa Fe River 9000.A_061 (Sar	E. coli	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Santa Fe River 9000.A_061 (Sar	Aluminium, Total Recoverable	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Santa Fe River 2110_00 (Cieng	Nutrients	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Santa Fe River 2110_00 (Cieng	E. coli	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**2. B. Continued**

Impaired Water	Impairment	Approved TMDL		TMDL assigns WLA to MS4	
Santa Fe River 9000.A_062 (Guadalupe)	Aluminium, Total Recoverable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Santa Fe River 9000.A_062 (Guadalupe)	PCBs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Santa Fe River 9000.A_062 (Guadalupe)	E. coli	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Santa Fe River 2110_02 (Cochiti)	Nutrients	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

C. What specific sources contributing to the impairment(s) are you targeting in your stormwater program?

Sediment; pet waste (E. coli); nutrients; and household waste (nutrients, litter/floatables/potential PCBs).

- D. Do you discharge to any high-quality waters (e.g., Tier 2, Tier 3, outstanding natural resource waters, or other state or federal designation)?  Yes  No
- E. Are you implementing additional specific provisions to ensure their continued integrity?  Yes  No - Not Applicable

**3. Public Education and Public Participation**

- A. Is your public education program targeting specific pollutants and sources of those pollutants?  Yes  No
- B. If yes, what are the specific sources and/or pollutants addressed by your public education program?

Pet waste, trash/debris/floatables, and household (including hazardous) waste.

C. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.

Please refer to the attached memo for a list of Santa Fe County's MS4 related initiatives.

- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program?  Yes  No

**4. Construction**

- A. Do you have an ordinance or other regulatory mechanism stipulating:
  - Erosion and sediment control requirements?  Yes  No
  - Other construction waste control requirements?  Yes  No
  - Requirement to submit construction plans for review?  Yes  No
  - MS4 enforcement authority?  Yes  No
- B. Do you have written procedures for:
  - Reviewing construction plans?  Yes  No
  - Performing inspections?  Yes  No
  - Responding to violations?  Yes  No

C. Identify the number of active construction sites  $\geq$  1 acre in operation in your jurisdiction at any time during the reporting period.

D. How many of the sites identified in 4.C did you inspect during this reporting period?

E. Describe, on average, the frequency with which your program conducts construction site inspections.

No set frequency for inspections. Frequency of inspections depending on length of project and as time allows.

F. Do you prioritize certain construction sites for more frequent inspections?  Yes  No

If Yes, based on what criteria?

G. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

Yes Notice of violation  No Authority

Yes Administrative fines  No Authority

Yes Stop Work Orders  No Authority

Yes Civil penalties  No Authority

Yes Criminal actions  No Authority

Yes Administrative orders  No Authority

Yes Other

H. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions of active construction sites in your jurisdiction?  Yes  No

I. What are the 3 most common types of violations documented during this reporting period?

J. How often do municipal employees receive training on the construction program?

**5. Illicit Discharge Elimination**

A. Have you completed a map of all outfalls and receiving waters of your storm sewer system?  Yes  No

B. Have you completed a map of all storm drain pipes and other conveyances in the storm sewer system?  Yes  No

C. Identify the number of outfalls in your storm sewer system.

D. Do you have documented procedures, including frequency, for screening outfalls?  Yes  No

E. Of the outfalls identified in 5.C, how many were screened for dry weather discharges during this reporting period?

F. Of the outfalls identified in 5.C, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage?

G. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.

H. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges?  Yes  No

I. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges?  Yes  No

J. During this reporting period, how many illicit discharges/illegal connections have you discovered?

K. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?

L. How often do municipal employees receive training on the illicit discharge program?

**6. Stormwater Management for Municipal Operations**

A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:

- All public parks, ball fields, other recreational facilities and other open spaces  Yes  No
- All municipal construction activities, including those disturbing less than 1 acre  Yes  No
- All municipal turf grass/landscape management activities  Yes  No
- All municipal vehicle fueling, operation and maintenance activities  Yes  No
- All municipal maintenance yards  Yes  No
- All municipal waste handling and disposal areas  Yes  No

Other

B. Are stormwater inspections conducted at these facilities?  Yes  No

C. If Yes, at what frequency are inspections conducted?

D. List activities for which operating procedures or management practices specific to stormwater management have been developed (e.g., road repairs, catch basin cleaning).

E. Do you prioritize certain municipal activities and/or facilities for more frequent inspection?  Yes  No

F. If Yes, which activities and/or facilities receive most frequent inspections?

G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management?  Yes  No

H. If yes, do you also provide regular updates and refreshers?  Yes  No

I. If so, how frequently and/or under what circumstances?

**7. Long-term (Post-Construction) Stormwater Measures**

A. Do you have an ordinance or other regulatory mechanism to require:

- Site plan reviews for stormwater/water quality of all new and re-development projects?  Yes  No
- Long-term operation and maintenance of stormwater management controls?  Yes  No
- Retrofitting to incorporate long-term stormwater management controls?  Yes  No

B. If you have retrofit requirements, what are the circumstances/criteria?

C. What are your criteria for determining which new/re-development stormwater plans you will review (e.g., all projects, projects disturbing greater than one acre, etc.)?



D. Do you require water quality or quantity design standards or performance standards, either directly or by reference to a state or other standard, be met for new development and re-development?  Yes  No

E. Do these performance or design standards require that pre-development hydrology be met for:

Flow volumes  Yes  No

Peak discharge rates  Yes  No

Discharge frequency  Yes  No

Flow duration  Yes  No

F. Please provide the URL/reference where all post-construction stormwater management standards can be found.

Sustainable Land Development Code: <https://www.santafecountynm.gov/media/files/SLDC%201.20.17.pdf>

G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection?

H. How many of the plans identified in 7.G were approved?

I. How many privately owned permanent stormwater management practices/facilities were inspected during the reporting period?

J. How many of the practices/facilities identified in I were found to have inadequate maintenance?

K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?

L. Do you have authority to take enforcement action for failure to properly operate and maintain stormwater practices/facilities?  Yes  No

M. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate and/or maintain stormwater management practices?

N. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance?  Yes  No

O. Do all municipal departments and/or staff (as relevant) have access to this tracking system?  Yes  No

P. How often do municipal employees receive training on the post-construction program?

**8. Program Resources**

A. What was the annual expenditure to implement MS4 permit requirements this reporting period?

B. What is next year's budget for implementing the requirements of your MS4 NPDES permit?

C. This year what is/are your source(s) of funding for the stormwater program, and annual revenue (amount or percentage) derived from each?

Source:  Amount \$  OR %

Source:  Amount \$  OR %

Source:  Amount \$  OR %

D. How many FTEs does your municipality devote to the stormwater program (specifically for implementing the stormwater program; not municipal employees with other primary responsibilities)?

E. Do you share program implementation responsibilities with any other entities?  Yes  No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
<input type="text"/>	See attached memo.	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

**9. Evaluating/Measuring Progress**

A. What indicators do you use to evaluate the overall effectiveness of your stormwater management program, how long have you been tracking them, and at what frequency? These are not measurable goals for individual management practices or tasks, but large-scale or long-term metrics for the overall program, such as macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Indicator	Began Tracking (year)	Frequency	Number of Locations
<i>Example: E. coli</i>	2003	Weekly April–September	20
NMED Physical, Chemical & Biological	2010-2020	Triennial	28
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

B. What environmental quality trends have you documented over the duration of your stormwater program? Reports or summaries can be attached electronically, or provide the URL to where they may be found on the Web.

Impairments (E. coli, PCBs, and total recoverable Aluminum) have remained constant in the upper reach of the SF River.

**10. Additional Information**

Please attach any additional information on the performance of your MS4 program, including information required in Parts I.C and III.B. If providing clarification to any of the questions on this form, please provide the question number (e.g., 2C) in your response.

**Certification Statement and Signature**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Yes  No

Federal regulations require this application to be signed as follows: **For a municipal, State, Federal, or other public facility:** by either a principal executive or ranking elected official.

Signature     
 Name of Certifying Official, Title  Date (mm/dd/yyyy)



# Annual Report Annotations

Additional information to support the EPA MS4 form responses is provided below. Only sections requiring additional space or explanation for the EPA MS4 form responses are included.

## 1. MS4 Information

### Page 1: Contact Information

The MS4 Permit compliance and reporting activities to address the minimum control measures are shared by multiple Santa Fe County departments. Currently, the County's Sustainability Office is working with Bohannon Huston, Inc. (BHI) to set up an improved framework across the County departments related to MS4 Permit compliance and reporting. Below is a summary of the departments involved and their contributions.

#### **Sustainability Office**

Jacqueline Beam, Sustainability Manager

[jybeam@santafecountynm.gov](mailto:jybeam@santafecountynm.gov)

(505) 992-9832

The Sustainability Office has a large role in the public education and outreach on stormwater impacts and public involvement/participation control measures. The office contributed information on its Earth Day events and public education efforts around recycling, water conservation, and other sustainability topics to this report.

#### **Building and Development Services**

John Lovato, Building and Development Supervisor

[ilovato@santafecountynm.gov](mailto:ilovato@santafecountynm.gov)

(505) 986-6228

The County's Growth Management, Building and Development Services department has MS4 responsibilities in the construction site stormwater runoff control and the post-construction stormwater management in new development and redevelopment control measures. This department contributed information to the Annual Report related to inspections, code enforcement activities, and staff trainings.

#### **Planning**

Brett Clavio, Interim Planning Manager

[gbclavio@santafecountynm.gov](mailto:gbclavio@santafecountynm.gov)

(505) 995-2775

The County's Growth Management, Planning Services department has MS4 responsibilities primarily in the post-construction stormwater management in new development and redevelopment control measure. The County's Open Space Parks & Trails stewarded and conserved over 60 miles of trails and two wetland areas throughout the year. This department contributed information to the Annual Report related to relevant County codes and open space activities.

## Public Works

Brian Snyder, Public Works Department Director

[bsnyder@santafecountynm.gov](mailto:bsnyder@santafecountynm.gov)

(505) 992-3023

The County's Public Works department includes multiple functional areas with MS4 responsibilities including road maintenance, management of Capital Improvement Projects, fleet management, open space management, property control, and solid waste & recycling. Public Works has MS4 responsibilities that span all MS4 control measures. The pollution prevention/good housekeeping for municipal operations control measure is one that falls solely within the County's Public Works department. This department contributed information to the Annual Report related to solid waste management, stormwater management along roadways, staff trainings, and other municipal operations.

### Page 1: What size does your MS4 serve?

Santa Fe County is 1,911 square miles and is New Mexico's third most populous county with more than 154,800 residents. Santa Fe County government provides a wide range of public services to residents who live in the City of Santa Fe and the 67,300 residents who live outside the city limits in the unincorporated areas of the County. This population includes residents who live both within and outside of the urbanized area. Approximately 11,000 people are in the unincorporated urbanized area, which defines the MS4 area. This estimate was found using the 2020 US Census, block-level, population data, and the 2010 US Census Urbanized Area boundary data.

## 2. Water Quality Priorities

**Page 1-2: Impaired waters.** Text box in the Environmental Protection Agency (EPA) Annual Report PDF form truncates text.

The New Mexico Environment Department (NMED) Surface Water Quality Bureau 2024-2026 State of New Mexico CWA §303(d)/§305(b) Integrated List & Report was approved by EPA on March 14, 2024. This list was approved after the National Pollution Discharge Elimination System (NPDES) General Permit for Discharges from Small MS4s Permit (NMR040000) went in administrative continuance (June 30, 2012). Previous impairment lists are available on the NMED Surface Water Quality website (<https://www.env.nm.gov/surface-water-quality/303d-305b/>).

Impaired Water*	Impairment	Approved TMDL?	TMDL Assigns WLA for MS4?
Santa Fe River	Aluminum, total recoverable	No	N/A
(Guadalupe St. to Nichols Reservoir)	Polychlorinated Biphenyls (PCBs)	No	N/A
NM-9000.A_062	E. coli	Yes	Yes

Impaired Water*	Impairment	Approved TMDL?	TMDL Assigns WLA for MS4?
Santa Fe River (Santa Fe WWTP to Guadalupe St.) NM-9000.A_061	E. coli	Yes	Yes
	Aluminum, total recoverable	No	N/A
Santa Fe River (Cienega Creek to Santa Fe WWTP) NM-2110_00	Nutrients	No	N/A
	E. coli	Yes  Also, TMDL (but no impairments) for sedimentation/siltation, DO, pH, and chlorine	Yes  No WLAs for MS4s for sedimentation/siltation, DO, pH, and chlorine TMDL
Santa Fe River (Cochiti Pueblo boundary to Cienega Creek) NM-2110_02	Nutrients	No  Also, TMDL (but no impairments) for sedimentation/siltation, DO, and pH	N/A  No WLAs for MS4s for sedimentation/siltation, DO, and pH TMDL

\*Impaired water designation from New Mexico Environment Department (NMED) Surface Water Quality Bureau 2024-2026 State of New Mexico CWA §303(d)/§305(b) Integrated List & Report.



### 3. Public Education and Public Participation

**Page 2: Item 3C. Note specific successful outcome(s) fully or partially attributable to your public education program during this reporting period.**

The table below highlights Santa Fe County’s MS4 related initiatives during this reporting period. Additional information on the initiatives is available upon request or from the links provided.

Throughout the reporting period of July 1, 2023, through June 30, 2024, the Santa Fe County MS4 related initiatives connected with and educated thousands of Santa Fe County residents. The outreach activities continue to be impacted by staffing challenges and the County’s ongoing efforts during this fiscal year to define outreach responsibilities among the various County departments.






















The table below provides a summary of Santa Fe County’s MS4 related initiatives for public education and involvement:

Santa Fe County Initiatives	Date	Accomplishments and Additional Information
Santa Fe County Sustainability Office Adopt-a-Road Program	July 1, 2023 - June 30, 2024	<p>Six cleanups were organized in this reporting period. Participants collected 215 bags of trash during these events. In FY 2024, 22 Adopters cleaned their adopted roadway sections at least twice per year. Santa Fe County Adopt-a-Road Program information, including a map of adopted roads, is available at: <a href="https://scomaps.santafecountynm.gov/mapsvc/apps/storymaps/stories/8578582edd324e4cbcccc641ce694b95">https://scomaps.santafecountynm.gov/mapsvc/apps/storymaps/stories/8578582edd324e4cbcccc641ce694b95</a></p>  <p>For volunteering: <a href="https://www.santafecountynm.gov/community-development/sustainability/go-green-learn/get-involved">https://www.santafecountynm.gov/community-development/sustainability/go-green-learn/get-involved</a></p>
30x30 Progress Report	July 1, 2023 - June 30, 2024	<p>The 30x30 initiative started in Dec. 2020 with the goal to conserve and restore at least 30% of lands and waters by 2030. In FY 2024, Santa Fe County achieved this goal with 31% of all mapped areas throughout the County now considered protected or conserved for healthy habitat.</p>
Santa Fe County Sustainability Office Website	July 1, 2023 - June 30, 2024	<p>The Santa Fe County sustainability website landing page had over 1,900 views: (<a href="https://www.santafecountynm.gov/community-development/sustainability">https://www.santafecountynm.gov/community-development/sustainability</a>). Sustainability content generally was viewed over 6,800 times.</p>  <p><b>Our Mission</b></p> <p>The Sustainability Division leads efforts to equitably transition the County to clean energy, build more resilience, and promote healthy ecosystems through community programs, policy development, education, analysis, and planning.</p>

Santa Fe County Initiatives	Date	Accomplishments and Additional Information
Santa Fe County Sustainability Office Virtual Newsletters	July 1, 2023 - June 30, 2024	<p>The Sustainability Office distributed monthly electronic newsletters to over 5,000 residents. The newsletters contained information on sustainability topics, including xeriscaping and rainwater harvesting landscapes, composting, recycling, and responsible outdoor recreation.</p> <p>As an example of content, the May 2024 issue included information about the recently passed Ordinance prohibiting single use plastics and an invitation for the public to their Earth Day event that installed a rain garden at a local fire station.</p> <p><a href="https://govdelivery.com">April 2024 Sustainability Newsletter Brief (govdelivery.com)</a></p> <p>Past newsletters are posted at:  <a href="https://www.santafecountynm.gov/community-development/sustainability/subscribe">https://www.santafecountynm.gov/community-development/sustainability/subscribe</a></p>
Santa Fe County Sustainability Office Reduce, Reuse, Recycle Efforts	July 1, 2023 - June 30, 2024	<p>The Sustainability Office handled over 50 calls related to Reduce, Reuse, Recycle.</p> <p>The Office has initiated and is in the process of distributing free backyard composting systems to 39 residents in the County to help divert food and yard waste from the landfill.</p> <div data-bbox="1003 1144 1209 1390" data-label="Image"> </div> <p><b>Reduce, Reuse, Recycle</b></p>
Santa Fe County Sustainability Office Water Conservation Collaboration	July 1, 2023 - June 30, 2024	<p>The Santa Fe County Sustainability Office continued to collaborate with “Save Water Santa Fe”, a City and County cooperative effort focusing on water conservation.</p> <div data-bbox="1010 1680 1193 1806" data-label="Image"> </div> <p><i>Save Water Santa Fe</i></p>



Santa Fe County Initiatives	Date	Accomplishments and Additional Information
Santa Fe County Public Works Department Solid Waste (Trash) and Recycling Efforts	July 1, 2023 - June 30, 2024	<p>The Public Works Department assisted in picking-up roadside trash along County roads and with community cleanup days. The County also owns, operates, and maintains 7 solid waste convenience centers throughout Santa Fe County.</p> <p>The County collected 6,734 tons of refuse and 1,018 tons of recycling at the 7 County solid waste convenience centers in FY 2024.</p> <p>Recycling is mandatory at County convenience centers <a href="https://www.ecode360.com/santa-fe-county-nm-search-50-07">Santa Fe County, NM Search: 50.07 (ecode360.com)</a>. These centers help minimize the litter, debris, and pollutants that reach the County's surface waters.</p>
Santa Fe County Open Space, Trails and Parks Northern New Mexico Master Naturalist Program	July 1, 2023 - June 30, 2024	<p>Santa Fe County Open Space is a partner organization in the Northern New Mexico Master Naturalist Program to train individuals to become stewards of New Mexico's environment, resources, and heritage. Program participants receive classroom instruction and field training where they learn about the ecology and environmental issues facing Northern New Mexico. Participants then complete volunteer hours with one of the program's partner organizations. Since 2017, over 140 people have completed the Master Naturalist program, and 37 of them have chosen to volunteer with Santa Fe County Open Space.</p>
Santa Fe County Open Space, Trails and Parks Pet Waste Stations Maintenance	July 1, 2023 - June 30, 2024	<p>Santa Fe County Open Space continued to maintain 15 dog waste stations and related signage throughout the county.</p>
Santa Fe County Open Space, Trails and Parks La Cieneguilla Open Space	July 1, 2023 - June 30, 2024	<p>Santa Fe County Open Space conducted maintenance and monitoring at La Cieneguilla Open Space, particularly to monitor and manage beaver activity.</p>
Xerces Society for Invertebrate Conservation Collaboration	July 1, 2023 - June 30, 2024	<p>The Xerces Society often provides free consultation and volunteers for County programs. The Xerces Society accomplished the following in FY 2024 within the County:</p> <ul style="list-style-type: none"> <li>• Created approximately 1.4 acres of healthy habitat across 118 properties.</li> <li>• Provided 6,600 plants for pollination and planting in residential and public space properties.</li> </ul>





Santa Fe County Initiatives	Date	Accomplishments and Additional Information								
Santa Fe Public Schools	July 1, 2023 - June 30, 2024	<p>Finalized a major renovation to the Early College Opportunities campus. Renovation included the installation of a 40,000-gallon underground water cistern for rooftop rainwater catchment and 8 rain gardens, supporting 14 trees, to address runoff from the new parking lot.</p> <p>Rain gardens, installed in May 2024, are monitored by Environmental Science students at Santa Fe High. Utilizing soil moisture probes, the students are conducting an analysis of irrigation regimens between medians at Santa Fe High (passive irrigation) and Milagro Middle (drip irrigation from cistern water) to compare soil moisture and tree growth. The results of their work will inform the school district's stormwater strategies in the future.</p>								
Santa Fe Solid Waste Management Agency (SFSWMA) Free Waste Disposal Days	July 1, 2023 - June 30, 2024	<p>SFSWMA is a joint City/County Agency that provides waste services to both government bodies. Free days are offered annually to City and County residents at the Buckman Road Recycling and Transfer Station (BuRRT) for green waste, electronic waste, household hazardous waste, residential trash, and tire recycling. These free days are advertised to the public through several methods, including online posts and in the City of Santa Fe's Residential Services Calendar.</p> <p style="text-align: center;"><b><u>BuRRT FREE DAYS AND CLOSURES</u></b></p> <p style="text-align: center;"><small>Buckman Road Recycling and Transfer Station, 2600 Buckman Road, 8:00 am - 4:45 pm</small></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b><u>Recycle Tires</u></b></p>  <p>The first full weekend of every month, Saturday and Sunday. Limit 8 passenger tires per day. Tires from businesses will not be accepted.</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b><u>Residential Trash</u></b></p>  <p>April 15 and September 16 Residential trash, rubbish, unwanted material, appliances, furniture, mattresses, carpet, building materials, tiles, bricks, concrete, and metals. <i>Trailers accepted only at the Caja Del Rio Landfill, not at BuRRT.</i></p> </td> </tr> <tr> <td style="vertical-align: top;"> <p><b><u>Green Waste</u></b></p>  <p>The first weekend of March, April, May and June. Bring unbagged green waste to BuRRT to be made into mulch.</p> </td> <td style="vertical-align: top;"> <p><b><u>Electronic Waste</u></b></p>  <p>October 7, 9:00 am - 1:00 pm Computers, monitors, printers, TV's, small appliances and household electronics.</p> </td> </tr> <tr> <td colspan="2" style="vertical-align: top;"> <p><b><u>Household Hazardous Waste</u></b></p>  <p>November 4, 9:00 am - 1:00 pm Household cleaners, automotive products, paint, solvents, poison, fertilizer, batteries, pool chemicals, fluorescent light bulbs, and hobby products.</p> </td> </tr> </table> <p style="text-align: right;"><b>BuRRT is closed:</b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">  <p>January 1 April 9 May 29 July 4 September 4 November 23 December 25</p> </td> <td style="width: 50%; text-align: center;"> <p><small>Free Days are for residents only. No waste accepted from businesses. These dates are subject to change. Check current info. www.sfswma.org (505) 424-1850 ext. 150</small></p>  </td> </tr> </table>	<p><b><u>Recycle Tires</u></b></p>  <p>The first full weekend of every month, Saturday and Sunday. Limit 8 passenger tires per day. Tires from businesses will not be accepted.</p>	<p><b><u>Residential Trash</u></b></p>  <p>April 15 and September 16 Residential trash, rubbish, unwanted material, appliances, furniture, mattresses, carpet, building materials, tiles, bricks, concrete, and metals. <i>Trailers accepted only at the Caja Del Rio Landfill, not at BuRRT.</i></p>	<p><b><u>Green Waste</u></b></p>  <p>The first weekend of March, April, May and June. Bring unbagged green waste to BuRRT to be made into mulch.</p>	<p><b><u>Electronic Waste</u></b></p>  <p>October 7, 9:00 am - 1:00 pm Computers, monitors, printers, TV's, small appliances and household electronics.</p>	<p><b><u>Household Hazardous Waste</u></b></p>  <p>November 4, 9:00 am - 1:00 pm Household cleaners, automotive products, paint, solvents, poison, fertilizer, batteries, pool chemicals, fluorescent light bulbs, and hobby products.</p>		 <p>January 1 April 9 May 29 July 4 September 4 November 23 December 25</p>	<p><small>Free Days are for residents only. No waste accepted from businesses. These dates are subject to change. Check current info. www.sfswma.org (505) 424-1850 ext. 150</small></p> 
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Santa Fe County Initiatives	Date	Accomplishments and Additional Information
Santa Fe Watershed Association Collaboration	July 1, 2023 - June 30, 2024	<p>The County works and contracts with the Santa Fe Watershed Association in a number of efforts involving watershed/fireshed health. The Santa Fe Watershed Association accomplished the following in FY 2024:</p> <ul style="list-style-type: none"> <li>• 753 5th grade students from 22 schools participated in My Water, My Watershed field trip.</li> <li>• Collected and removed over 10.5 tons of trash from Santa Fe waterways.</li> <li>• Continued to facilitate and support the bi-monthly Santa Fe River Traditional Communities Collaborative and facilitate lower river mitigation conversations.</li> <li>• Facilitated quarterly meetings of municipal watershed plan signatories.</li> </ul>
New Mexico Compost Coalition	July 1, 2023 - June 30, 2024	Attended monthly meetings discussing composting and soil health initiatives across the state.
Regional Sustainability Affinity Space	July 1, 2023 - June 30, 2024	Attended semi-monthly meetings organized by Los Alamos County to discuss ongoing/upcoming events, grants, programs, collaborations related to sustainability in Northern New Mexico.
Rio Grande Recyclers Monthly Call	July 1, 2023 - June 30, 2024	Attended monthly meetings between solid waste authorities, municipalities, counties, and organizations engaged in recycling.
City, County, Schools Check In	July 1, 2023 - June 30, 2024	Attended meetings every other month between City, County, and public schools' sustainability staff to discuss projects, challenges, opportunities.
Presentation for the River Talk Series Organized by the City of Santa Fe & the Santa Fe River Commission	August 12, 2023	<p>The County Sustainability Office provided an outreach presentation at the County fairgrounds as part of the River Talks series organized by the City of Santa Fe &amp; the Santa Fe River Commission. This presentation featured the County's MS4 efforts as well as other sustainability related efforts, including the raingarden installed at the fairgrounds for the 2023 Earth Day event. Fourteen (14) individuals attended this August 12<sup>th</sup> presentation at the fairgrounds.</p> <p>The collaborative River Talk series presented 7 talks in August 2023 and had a total of 137 attendees. The River Talk series included presentations and tours for community members to learn more about the river, watershed, fireshed, and other related topics.</p>

Santa Fe County Initiatives	Date	Accomplishments and Additional Information
2024 Land and Water Summit	March 6 - 8, 2024	<p>The County sponsored and attended this regional summit, which had an emphasis on Global Climate Change and how the need to adapt and being innovative is the key to a sustainable future. Green Stormwater Infrastructure (GSI) was a key topic at this summit.</p> 
BCC Passed Ordinance 2024-06, Ordinance Prohibiting the Use of Single Use Plastic and Expanded Polystyrene Products	March 26, 2024	<p>Ordinance 2024-06, Ordinance prohibiting the use of single-use plastic and expanded polystyrene products in Santa Fe Count. The purpose of this ordinance is to protect and enhance the County's unique and precious environment, wildlife and beauty through the reduction of plastics and encourage the use of reusable or sustainable options. This ordinance comes into effect on September 23, 2024.  <a href="https://www.santafecountynm.gov/AEX32-Print">AEX32 Print (santafecountynm.gov)</a></p>
SFSWMA Free Residential Solid Waste and Green Waste Disposal Day for the Great American Cleanup - Keep America Beautiful	April 13, 2024	<p>SFSWMA provided free residential solid waste and green waste disposal at County convenience centers to support and encourage participation in the Great American Cleanup - Keep America Beautiful. <a href="https://keepsantafebeautiful.org-pdf-flyer">keepsantafebeautiful.org-pdf flyer</a></p> 


Santa Fe County Initiatives	Date	Accomplishments and Additional Information
Santa Fe County Earth Day 2024	April 20, 2024	<p>The Sustainability Office celebrated Earth Day at the Hondo Fire Station #1 by completing a rain garden installation. The event included gardening tips, and sustainability initiatives.</p> <p><a href="https://www.santafecountynm.gov/events/detail/earth-day-celebration042024">https://www.santafecountynm.gov/events/detail/earth-day-celebration042024</a></p> 
Santa Fe County GSI Training Workshop	April 26, 2024	<p>Santa Fe County organized and hosted a full-day GSI training workshop on April 26, 2024. The County had 17 attendees with representation from a wide variety of departments including Public Works, Growth Management, Sustainability Division, and Economic Development Division. The morning training sessions focused on an overview of MS4 permit requirements as they related to post-construction and the use of GSI, as well as technical GSI hydrology, design, and maintenance presentations presented by a local expert. The afternoon of the training included several site visits to see installed GSI facilities and assess each site as well as discuss their design and maintenance.</p> 

Santa Fe County Initiatives	Date	Accomplishments and Additional Information
City Nature Challenge 2024 – Santa Fe Area	April 26-29, 2024	 <p>This global community science competition is an international effort for people to find and document plants and wildlife in cities. This is the first year that the Santa Fe area entered and it ranked 295 of 690 participating cities, 390 species were documented, and 962 observations were submitted.</p>
Santa Fe County Sustainability Office Presented the MS4 Stormwater Management Program (SWMP) to the BCC	April 30, 2024	Information on MS4 Stormwater Management Program (SWMP) Plan was presented to the BCC. The BCC approved the SWMP, and the Plan was reviewed by the public for 30 days. No comments were made during this public review period.
Love Your Watershed Day	May 4, 2024	The County Sustainability Office attended and participated as a table exhibitor at the Santa Fe Watershed Association Love Your Watershed Day. <a href="#">Love Your Watershed Day 2024 - The Santa Fe Watershed Association</a>
New Mexico Water Data Initiative 2024 Workshop	May 10, 2024	<p>The County Sustainability Office attended the annual workshop for New Mexico agencies to share, integrate, and manage water data as directed by the 2019 New Mexico Water Data Act. The County learned about a new opportunity to gather data on County Facilities that have incorporated GSI infrastructure with ZIAMet Weather Data Network.</p> 



Santa Fe County Initiatives	Date	Accomplishments and Additional Information
Santa Fe Garden Fair	May 11, 2024	<p>The County Sustainability Office attended and participated as a table exhibitor at the Santa Fe Garden Fair. Over 2000 visitors attended this event. Santa Fe Extension Master Gardeners is a nonprofit, volunteer organization dedicated to learning, teaching, and promoting locally sustainable gardening through practical, research-based knowledge and programs.</p> <p><a href="https://www.sfemg.org/">https://www.sfemg.org/</a></p> 
Jemez y Sangre Water Planning Open House	May 15, 2024	<p>The County Sustainability Office attended this open house. This Water Planning Open House was presented by the Interstate Stream Commission, Office of the State Engineer as part of a campaign known as the “Main Stream New Mexico”. These events promote direct public engagement for input on the Water Security Planning Act.</p>
Valle Vista Residents Illegal Dumping Community Meeting	May 23, 2024	<p>The County Sustainability Office attended this community meeting for residents of the Valle Vista Subdivision to address concerns related to illegal dumping and regulation of collection and disposal of refuse.</p>
Santa Fe County Collaboration with Reunity Resources for Backyard Composting Program	June 7, 2024	<p>The County’s backyard composting program launched in collaboration with Reunity Resources. Residents who use County convenience centers may apply to receive a free backyard composting system with instruction on how to use it. The goal of this program is to divert organic matter from the landfill and to improve soil health. <a href="https://www.santafecountynm.gov">Compost at Home   Santa Fe County (santafecountynm.gov)</a></p>
New Mexico Recycling Coalition Annual Meeting	June 6, 2024	<p>The County Sustainability Office attended this meeting and the County Sustainability Manager presented on efforts leading up to the County’s recent ordinance to ban single use plastics.</p>



Santa Fe County Initiatives	Date	Accomplishments and Additional Information
NM Adaptation Resilience Workshop	June 11, 2024	New Mexico’s Climate Adaptation and Resilience Plan was discussed, including strategies for building resilience as well as sharing experiences of climate change. One sustainability staff member attended this community conversation and participated in exploring the resilience themes and strategies to help evaluate the states plan.
2024 Next Generation Water Summit	June 20-21, 2024	 <p>The County sponsored, attended, and tabled at this summit. The theme of this year’s summit was “Solutions in a Changing World”. It brought together the building and development community, water reuse professionals, and water policymakers in a collaborative setting to share best practices and to learn about innovative water conservation and water reuse techniques that can be used to comply with water conservation restrictions spreading across the southwest.</p> <p><a href="https://vfairs.com">2024 Next Generation Water Summit (vfairs.com)</a></p>

## 5. Illicit Discharge Elimination

### Page 3: Items 5A, 5B, and 5C.

**Outfall and storm sewer mapping.** 5A and 5B are both “Yes” or “No” checkbox responses on the EPA Annual Report form. Additional explanation is provided below as neither “Yes” nor “No” apply to Santa Fe County for these questions.

Additional explanation: The 2013 Stormwater Management Program (SWMP) Plan and the updated 2024 SWMP both state that “Santa Fe County has limited storm drain outfalls discharging into intermittent and ephemeral water courses (“arroyos”), with potential access to the waters of the United States.” and that “Storm drain outfalls are privately owned and operated; the County has neither public storm drain system nor public storm drain facilities.” The County has committed to public systems that are constructed through implementation of the County’s Capital Improvement Program will be required to be designed, constructed, and maintained in a manner consistent with NPDES criterion by the Public Works department.

In addition, the Sustainable Growth Management Plan, adopted by Resolutions 2010-210 and 2010-225, provides a plan of approach for the development of public stormwater conveyance systems to augment sustainability and reduce stormwater pollution.

Santa Fe County's GIS department has mapped the MS4/Urbanized Areas for the County. The County MS4 jurisdiction map is attached to this Annual Report for reference. To improve the County's MS4 Permit compliance, Santa Fe County continued to contract with BHI in FY 2024 to support MS4 Permit compliance and reporting activities. BHI was tasked to assist the County with developing a map of the County stormwater outfalls and stormwater conveyance systems. BHI verified, as the original SWMP identified, that the County does not have a storm drain system, a stormwater conveyance system, or specific stormwater outfalls points. Analysis in FY 2022 and FY 2023 identified priority County stormwater management areas, including roadways, trails, parks, and facilities that are located near the Santa Fe River and Cienga Creek, where stormwater runoff from County maintained roadways/trails may have an impact on surface waters. Many of these priority stormwater management areas, along with other County owned areas, were visited on February 24, 2023, with BHI and County staff. The priority County stormwater management areas were reviewed and finalized with County departments in FY 2024 (October 2023). The Santa Fe County MS4 Stormwater Management Priority Areas Map and related matrix of pollutants of concern and probable sources is attached to this Annual Report for reference.

**Page 3: Items 5D, 5E, 5F, and 5G.**

**Outfall dry weather screening.** Additional explanation: Santa Fe County has not identified specific outfalls points, as explained above. Analysis in FY 2022 and FY 2023 identified priority County stormwater management areas, including roadways, trails, parks, and facilities that are located near the Santa Fe River and Cienga Creek, where stormwater runoff from County maintained roadways/trails may have an impact on surface waters. Many of these priority stormwater management areas, along with other County owned areas, were visited on February 24, 2023, with BHI and County staff. During the February 24, 2023 site visits, there were no dry weather discharges identified at the County facilities. The priority County stormwater management areas were reviewed and finalized with County departments in FY 2024 (October 2023). The Santa Fe County MS4 Stormwater Management Priority Areas Map and related matrix of pollutants of concern and probable sources is attached to this Annual Report for reference.

To improve the County's MS4 Permit compliance, Santa Fe County continued to contract with BHI in FY 2024 to support MS4 Permit compliance and reporting activities, which includes a future task that will complete a dry weather screening of priority County stormwater management areas. This task will continue to move the County toward compliance with the requirements in 5D, 5E, 5F, and 5G, and will be completed in FY 2025.

### Page 3: Items 5J and 5K.

**Number of illicit discharges discovered and eliminated.** Additional explanation: In FY 2024, one (1) illicit discharge occurred for Santa Fe County to report. This discharge incident is an ongoing, fluctuating issue with regular and recurring E. coli releases, which exceed NPDES discharge standards. E. coli is being released from the City of Santa Fe (City) Paseo Real Wastewater Treatment Plant (PRWTP) effluent into the Santa Fe River, which impacts downstream Santa Fe County-owned property. Santa Fe County is aware of the situation and has been in frequent communication with the City regarding the elevated E. coli releases. Santa Fe County is wholly reliant on testing at the PRWTP, which is performed, analyzed, and reported to the County by the City via periodic emails. The City has notified Santa Fe County residents of the E. coli releases. The City has not yet provided a remedy to this illicit discharge from the PRWTP.

**Page 4: Item 5L. How often do municipal employees receive training on the illicit discharge program?** Text box in the EPA Annual Report PDF form does not allow enough space to enter complete response. The complete response to summarize the related staff trainings that support understanding of potential illicit discharges:

For FY 2024 (July 1, 2023 – June 30, 2024), the County provided relevant staff trainings as follows:

- New staff are trained on proper recycling and general sustainability during New Employee Orientation (26 orientations during FY 2024).
- A total of 54 staff completed Global Safety Data Sheets (SDS) and Hazardous Communication Standards training.

**Additional projects to highlight related to Santa Fe County projects to reduce and eliminate on-site sewage disposal systems (septic system and cesspools) within the MS4/Urbanized Area:** In the Agua Fria area of Santa Fe County, which is within the MS4/Urbanized Area, the County Public Works department has been leading a multi-million dollar water/wastewater infrastructure expansion project to remove septic systems and cesspools within this area and to connect this area to a wastewater system. This project will improve stormwater and surface water quality by reducing the potential leaks and overflows from aging and non-functional septic systems and cesspools.

## 6. Stormwater Management for Municipal Operations

**Page 4: Item 6G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management? If so, how frequently and/or under what circumstances?** Text box in the EPA Annual Report PDF form does not allow enough space to enter complete response. Complete response:

For FY 2024 (July 1, 2023 - June 30, 2024), the County provided relevant staff trainings as follows:

- New staff were trained on proper recycling and general sustainability during New Employee Orientation (26 orientations during FY 2024).
- The County’s Growth Management Department staff regularly trains staff using the Certified Stormwater Inspectors (CSI) National Stormwater Center training. The County Floodplain Manager is a certified floodplain administrator and maintains certification by attending the annual New Mexico floodplain conference and completing 15 credits of supplemental training.
- Santa Fe County hosted a full-day GSI training workshop on April 26, 2024. The County had 17 attendees with representation from a wide variety of departments including Public Works, Growth Management, Sustainability Division, and Economic Development Division. The morning training sessions focused on an overview of MS4 permit requirements as they related to post-construction and the use of GSI, as well as technical GSI hydrology, design, and maintenance presentations presented by a local expert. The afternoon of the training included several site visits to see installed GSI facilities and assess each site as well as discuss their design and maintenance.
- The County’s Growth Management Department had 2 staff attend the Land and Water Summit.
- Three (3) Sustainability Office staff attended the Land and Water Summit and 4 staff attended the Next Generation Water Summit.

## 8. Program Resources

### Page 5: Item 8A. What was the annual expenditure to implement MS4 Permit requirements this reporting period?

As explained in Section 1, MS4 Information, multiple County departments share responsibilities and expenses related to MS4 Permit compliance and reporting. Below is a summary of the department’s expenditures and contributions to implement MS4 Permit requirements for FY 2024.

County Department	Summary of Activities / Tasks / Responsibilities	FY 2024 Expenditure
Sustainability Office	Education and outreach efforts around recycling, water conservation, and sustainability topics; Adopt-A-Road program; Earth Day events and outreach efforts; backyard composting program; Next Generation Water Summit sponsorship; Land & Water Summit; sustainability professional society memberships; and several staff providing a portion of full time employee (FTE) support for MS4 requirements.	\$294,900

County Department	Summary of Activities / Tasks / Responsibilities	FY 2024 Expenditure
Growth Management: Planning and Building and Development Services	SWPPP compliance training costs and percent FTEs to support MS4 requirements, including: development plan reviews, SWPPP reviews, code enforcement inspections, and cistern inspections.	\$21,500
Public Works	Solid waste community cleanup efforts; erosion control and culvert cleaning and maintenance efforts; roadway trash and debris cleanup efforts; support of Santa Fe Watershed Association for river cleanups; and several staff providing a portion of FTE support for MS4 requirements.	\$1,948,200
<b>Total Estimated MS4 Related Expenditures for FY 2024</b>		<b>\$2,264,600</b>

**Page 6: Item 8D. How many FTEs does your municipality devote to the stormwater program (specifically for implementing the stormwater program; not municipal employees with other primary responsibilities)?** Text box in the EPA Annual Report PDF form does not allow for a complete explanation.

Complete explanation: Santa Fe County does not currently have any FTEs devoted to the stormwater program related specifically to MS4 Permit compliance. In FY 2024, the BCC approved a position for an Environmental Compliance Officer and this position was advertised in FY 2024. The position will be filled in August of 2024. This new position will include MS4 Permit compliance and reporting responsibilities. During FY 2024, the County had multiple employees, across the various departments (Sustainability Office, Growth Management - Building and Development Services, Growth Management - Planning, and Public Works) with MS4 Permit compliance and reporting related responsibilities, typically in the range of 5- to 15 percent of their primary responsibilities. In addition, Santa Fe County continued to contract BHI to supplement County staff and to support MS4 Permit compliance and reporting activities.

**Page 6: Item 8E. Do you share program implementation responsibilities with any other entities?** Text box in the EPA Annual Report PDF form does not allow enough space to enter complete response. Complete response:

Entities	Activity / Task / Responsibility	Your Oversight / Accountability Mechanism
City of Santa Fe Santa Fe County NMDOT-District 5	Santa Fe Stormwater MS4 Advisory Group	Memorandum of Agreement
City of Santa Fe Santa Fe County	"Save Water Santa Fe", a City and County cooperative effort	--

## 9. Evaluating/Measuring Progress

**Page 6: Item 9.** Santa Fe County currently relies on monitoring and reporting completed by NMED. In FY 2024, NMED's Surface Water Quality Bureau (SWQB) began a Santa Fe River Microbial Source Tracking (MST) Special Project - <https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/18/2023/04/2023-Santa-Fe-River-MST-FSP-Final.pdf>. The SWQB will investigate the sources of nutrient and fecal contamination in the Santa Fe River. The SWQB will collect MST and E. coli samples for analysis at three to five established SWQB monitoring sites along the Santa Fe River within the City of Santa Fe. The County will review the results from this project, once available, to determine if the results are applicable to and useful for the County's MS4 program.

To improve the County's MS4 Permit compliance, Santa Fe County continued to contract BHI to support MS4 Permit compliance and reporting activities which includes several tasks that have contributed to an updated stormwater management program (SWMP) completed in April 2024. These tasks will assist the County in developing a framework for improved MS4 compliance where program indicators and overall effectiveness of the stormwater management program can begin to be evaluated.

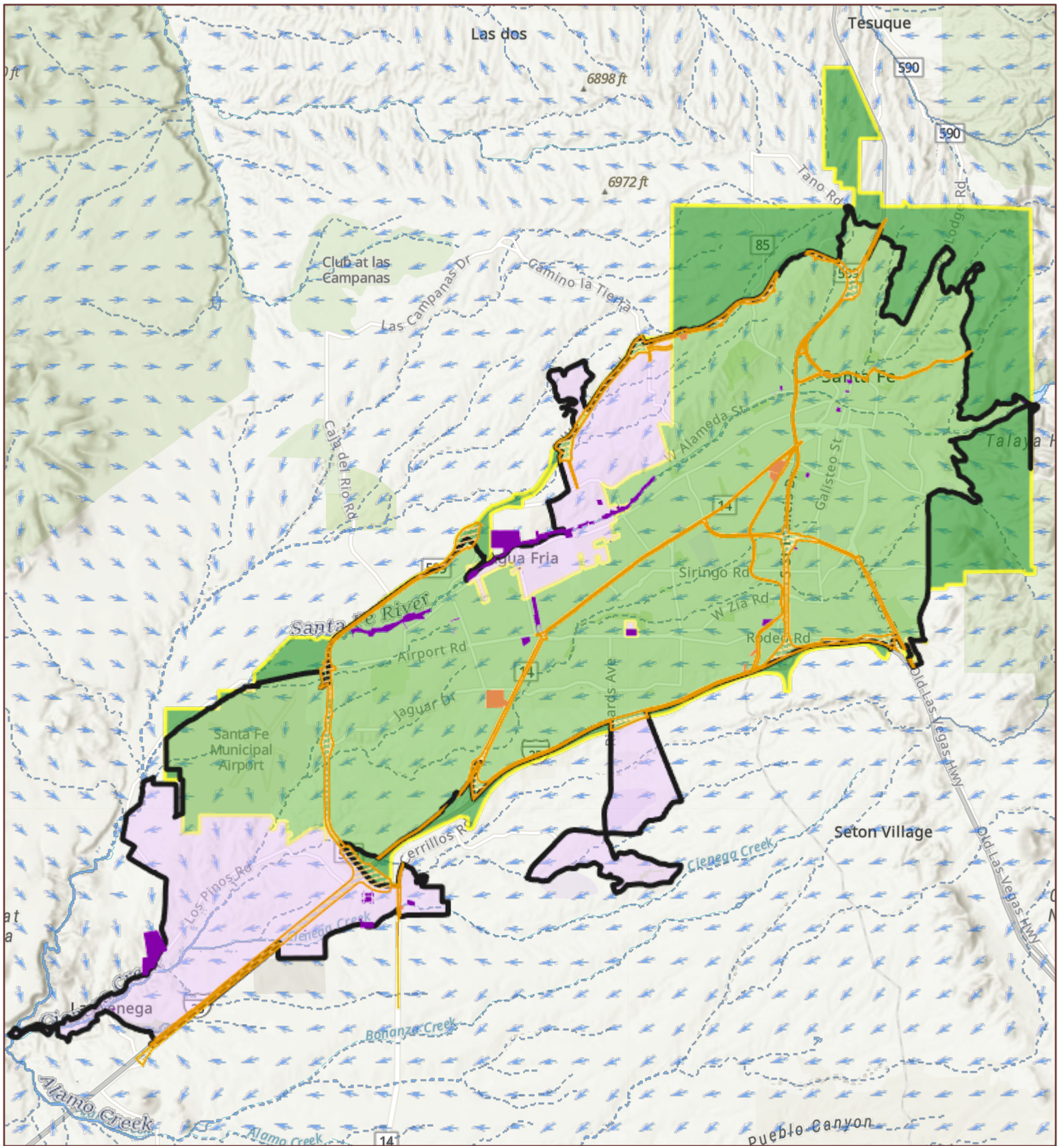
## 10. Additional Information

**Page 6: Item 10.** Santa Fe County's Stormwater Management Program (SWMP) Plan was updated in FY 2024. All County departments involved with MS4 related responsibilities were involved in this update process and provided input to its development. It is accessible online at: [https://www.santafecountynm.gov/uploads/documents/Santa\\_Fe\\_County\\_MS4\\_SWMP\\_April\\_2024\\_REV.pdf](https://www.santafecountynm.gov/uploads/documents/Santa_Fe_County_MS4_SWMP_April_2024_REV.pdf) or available for review upon request. The finalized SWMP Plan was presented to and approved by the BCC on April 30, 2024. The Plan was made available for public comment through July 23, 2024. No public comments were received.

In addition, EPA provided NM MS4s with a Strawman MS4 permit in March of 2024 to review. EPA explained during a virtual meeting for NM MS4s on March 14, 2024, that they are moving forward with one MS4 general permit that will include all MS4s, both Phase I and Phase II, located in New Mexico. All EPA MS4 general permits in NM are currently expired and operating under administrative continuance. Santa Fe County collaborated with the MS4s located in the Santa Fe area (City of Santa Fe and NMDOT) to complete and discuss the MS4 Strawman permit review. The County submitted their high-level review comments to EPA on April 30, 2024.

For reference, please find attached to this Annual Report the current County MS4 jurisdiction map and the Santa Fe County MS4 Stormwater Management Priority Areas Map and related matrix of pollutants of concern and probable sources.





- MS4
- NMDOT MS4
- Jurisdiction (NMDOT parcels 2021)
- NM Department of Transportation ROW (2016)
- County MS4 Jurisdiction (County owned parcels 2021)
- Census 2021 Urbanized Area
- City of Santa Fe MS4 Jurisdiction
- City of Santa Fe (Outside of the 2021 Urbanized Area)
- Vector Flow/Aspect (2014 LiDAR)

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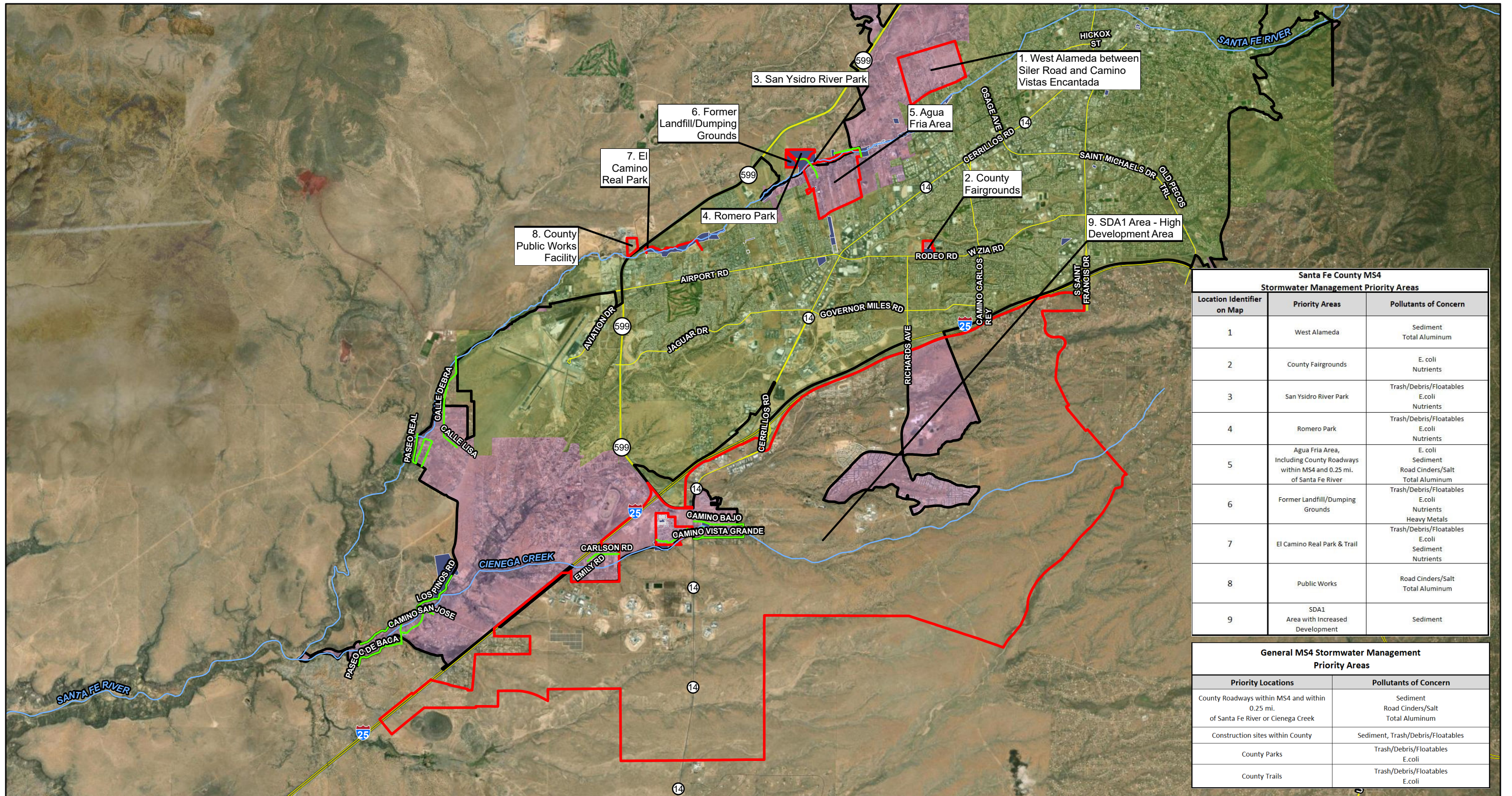
**SANTA FE COUNTY**

Scale: 1:144,448  
1 inch equals 2.28 miles

Spatial Reference: WGS 1984 Web Mercator Auxiliary Sphere  
 Note, the Web Mercator projection preserves direction and shape, but distorts distance and area. This information is for reference only. Santa Fe County assumes no liability for errors associated with the use of these data. Users are solely responsible for confirming data accuracy.

USGS The National Map; National Hydrography Dataset. Data refreshed July, 2022., Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community. Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Santa Fe County, Growth Management Department; Bohannon Huston, Inc.;



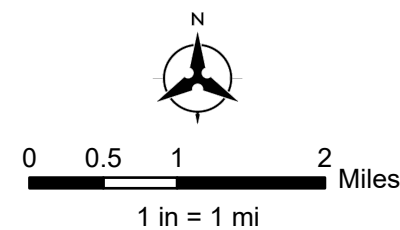


Santa Fe County MS4 Stormwater Management Priority Areas		
Location Identifier on Map	Priority Areas	Pollutants of Concern
1	West Alameda	Sediment Total Aluminum
2	County Fairgrounds	E. coli Nutrients
3	San Ysidro River Park	Trash/Debris/Floatables E.coli Nutrients
4	Romero Park	Trash/Debris/Floatables E.coli Nutrients
5	Agua Fria Area, Including County Roadways within MS4 and 0.25 mi. of Santa Fe River	E. coli Sediment Road Cinders/Salt Total Aluminum
6	Former Landfill/Dumping Grounds	Trash/Debris/Floatables E.coli Nutrients Heavy Metals
7	El Camino Real Park & Trail	Trash/Debris/Floatables E.coli Sediment Nutrients
8	Public Works	Road Cinders/Salt Total Aluminum
9	SDA1 Area with Increased Development	Sediment

General MS4 Stormwater Management Priority Areas	
Priority Locations	Pollutants of Concern
County Roadways within MS4 and within 0.25 mi. of Santa Fe River or Cienega Creek	Sediment Road Cinders/Salt Total Aluminum
Construction sites within County	Sediment, Trash/Debris/Floatables
County Parks	Trash/Debris/Floatables E.coli
County Trails	Trash/Debris/Floatables E.coli



- Stream
- Road
- MS4 Priority Roadway
- MS4 Priority Area
- Santa Fe County MS4 Jurisdiction
- City of Santa Fe MS4 Jurisdiction
- Santa Fe County MS4 Urbanized Area
- 2021 Census Urbanized Area



**Santa Fe County MS4  
MS4 Stormwater Management  
Priority Areas Map**



**Santa Fe County MS4  
Pollutants of Concern and Probable Sources**

**Purpose:** This list identifies potential significant sources of the pollutants of concern entering the County MS4. This list is intended to assist the County with identifying stormwater management priority areas and focusing MS4 programs on target pollutants and probable sources.

Pollutant of Concern	Reason for Concern	Potential/Probable Sources for Pollutants of Concern in MS4s	Possible Control Strategies to Address Pollutants of Concern in MS4s	Potential Collaboration Opportunities	Stormwater Management Priority Areas	Documentation on Priority Area Decisions
<b>Sediment, Total Suspended Solids (TSS), Total Dissolved Solids (TDS), Turbidity</b>	Sediment is a pollutant and sediment carries pollutants (PCBs, Aluminum, etc.).  The Santa Fe River, from Santa Fe wastewater treatment plant (WWTP) to Cochiti Pueblo (downstream of MS4), has a TMDL for stream bottom deposits (SBD), though not directly associated with MS4 areas. MS4s should also focus on addressing this pollutant of concern.	Construction activities.  Wind blown dust.  Erosion (destabilization on vegetation) from urban areas and post-construction sites and streambank erosion. SDA1 development is one area to focus on as a potential, growing source.  Road Maintenance: New Mexico Environment Department (NMED) identifies road maintenance runoff as a source for sediment.	Implement and enforce practices to retain sediment within construction project areas.  Institute a County program for dust control for windblown pollutants. EPA information for Best Management Practices (BMPs): <a href="https://www.epa.gov/system/files/documents/2021-11/bmp-dust-control.pdf">https://www.epa.gov/system/files/documents/2021-11/bmp-dust-control.pdf</a> and NMDOT has a new dust brochure that can be used as a resource: <a href="https://dustmitigation.nmdotprojects.org/wp-content/uploads/sites/38/2023/05/2023-05-15-Digital-Dust-Control-Brochure_FINAL.pdf">https://dustmitigation.nmdotprojects.org/wp-content/uploads/sites/38/2023/05/2023-05-15-Digital-Dust-Control-Brochure_FINAL.pdf</a>  Slope stabilization with improved vegetation management and minimizing exposed soil using native vegetation.  Street sweeping.  Road maintenance procedures that focus on awareness of sediment control.  Green Stormwater Infrastructure (GSI) - Infiltration practices are structural BMPs designed to capture stormwater runoff and allow the captured water to infiltrate into soils underlying the BMP. Vegetation in GSI will assist with reducing erosion.	City of Santa Fe has efforts started related to sediment concerns at West Alameda.  NMDOT has created a dust mitigation brochure (targeted at safety) that could be shared/used with the County.  City of Santa Fe has dust control requirements for construction, including requiring Fugitive Dust Mitigation and Control Plan. Perhaps the County could follow a similar fugitive dust control program.	All construction sites greater than 1 acre (per Construction General Permit).  West Alameda between Siler Road and Camino Vistas Encantada (City annexed area, that County has agreed to assist with).  High sediment loading areas identified in <i>City of Santa Fe Compendium to the Stormwater Management Strategic Plan</i> report (Tetra Tech, 2018). El Camino Real Park and County Open Space in this area lie within the high sediment load area simulated in this report.  County roads that are in or adjacent to the MS4 area and are near to and drain to the Santa Fe River or Cienega Creek.	Construction sites are one of the largest contributor to sediment (and wind blown dust) into MS4s, and inspecting these throughout the County is a regulatory requirement and should be a priority based on pollutant source.  West Alameda has been identify by the County and City as an area with historic erosion issues that is impacting the Santa Fe River. As per the Memorandum of Agreement (MOA) between the City and Santa Fe County dated Feb. 15, 2018, the County has committed to cost sharing of design and construction for needed drainage improvements on West Alameda between Print Farm Road and Siler Road. The MOA expired on December 31, 2021.  The <i>City of Santa Fe Compendium to the Stormwater Management Strategic Plan</i> (Tetra Tech, July 2018): GIS map identifying areas of potential high sediment loading areas.  County roadways prioritized based on proximity to Santa Fe River and Cienega Creek.
<b>E. coli</b>	Impaired parameter & TMDL for Santa Fe River from Nichols reservoir to Cienega Creek.	Pet/animal waste.  Litter/trash.  Failing septic systems.  Former landfill/dumping grounds facility south of Romero Park.	Pet waste: public education and available pet-waste stations/maintenance of stations.  Litter/trash: source control and preemptive activities such as street sweeping, cleaning up illegally dumped materials, and public education campaigns for litter.  Septic systems: permitting system, financial assistance programs for aging septic systems.  County fairgrounds, improvements to wash stations for animals.  GSI practices that infiltrate and evapotranspire runoff, such as bioretention, can help to reduce the frequency and magnitude of E. coli loads discharged to the MS4.	Both NMDOT and City of Santa Fe are promoting GSI and developing resources that could be shared with the County.	Agua Fria and Riverside de Santa Fe Mobile Home Park areas, potential septic system sources. County-led improvements are underway in this area.  County fairgrounds, potential animal waste source.  County parks, potential pet waste source.  River trail system, potential pet waste and horse waste sources.	Septic: Discussions with Michelle Hunter and Caitlin Weber - Agua Fria and Riverside de Santa Fe Mobile Home Park (this mobile home park looks to be in City jurisdiction) areas have septic tanks/mobile home parks. County handles systems with liquid waste permit that does not need to be renewed or inspected. These areas are close to the river and aging/non-functional systems could be a source of pollution. County-led improvements are underway in this area.  County fairgrounds: Site inspection with Bohannon Huston, Inc. (BHI) & County in 2023 brought up questions on where animal wash area drains outfall to (sanitary sewer or open discharge to surface flows?). This area is not near the river, but pollutants from animal sources are a large contributor for E. coli/bacteria pollutants. Fairgrounds are often a target for EPA inspections, due to animal waste pollutant sources.  Former landfill/dumping grounds facility south of Romero Park: unsure of all dumped materials at the legacy dumping ground - E. coli is one likely pollutant.
<b>Road Cinders/Salt</b>	Salt is soluble, can be toxic to some biota/aquatic life, and is environmentally persistent. Once present in water, there is no easy way to remove chlorides. No existing stormwater treatment system exists to capture and retain salts or chlorides.	Road Cinders/Salt (a ratio of 3 parts cinders:1 part salt) (NaCl - rock salt - is used by County).	Good housekeeping practices for storage, transport, and application of road cinders/salt. EPA information for BMPs: <a href="https://www.epa.gov/system/files/documents/2021-11/bmp-deicing-material-application-and-storage.pdf">https://www.epa.gov/system/files/documents/2021-11/bmp-deicing-material-application-and-storage.pdf</a>  The best way to reduce road salt in the environment is to reduce the amount used, which is why many municipalities are investing in training maintenance staff and private contractors on the most efficient use of road salts.	NMDOT also uses road salt/cinders - there may be an opportunity for shared employee training and discussion of BMPs.	County Public Works Facility.  County roads that are near to and drain to the Santa Fe River or Cienega Creek.	County Public Works Facility is located with 0.16 mi (850 feet) of the Santa Fe River, though not located within the MS4 boundary, and all drainage flows to a retention pond. Distance measured from the fuel station curb outfall point.
<b>Trash/Debris/Floatables</b>	Potential E. coli, PCB and Aluminum of other heavy metals pollutant sources.  Floatables are an EPA MS4 concern (current & draft statewide small MS4 permit). EPA suggests maintenance activities, maintenance schedules, and long-term inspection procedures for controls to reduce floatables and other pollutants to the small MS4. The floatables control program should include source controls and, where necessary, structural controls.	Litter/trash: People (litter and illegal dumping), trash roll-offs/bins, wind, and construction sites.  Former landfill/dumping grounds facility south of Romero Park.	Litter/trash: Source control and preemptive activities such as street sweeping, cleaning up illegally dumped materials, construction sites, and public education campaigns for litter. For the former landfill/dumping grounds, continue to maintain a good cover over any exposed dumped materials.  Education and awareness programs are intended to help modify human behavior to reduce the amount of trash-related pollution that is introduced into the MS4 system.	NMDOT has litter pick-up contracts, coordinating could improve coverage within the MS4 areas.  Volunteer groups/community groups for litter pickup efforts.	County parks, potential litter source.  River Trail system, potential litter source.  Former landfill/dumping grounds is a potential litter source if the cap over the dumped materials degrades.  Uncovered trash roll-off bins (including at construction sites), potential litter source.	The County should assess if there are areas where litter and illegal dumping are an issue or continual concern.  Construction sites.  Former landfill/dumping grounds facility south of Romero Park: unsure of all dumped materials at the legacy dumping ground -- uncovered materials could lead to trash/debris/litter.
<b>Polychlorinated Biphenyls (PCBs)</b>	Impaired parameter for Santa Fe River from Nichols reservoir to Guadalupe Street.  NMED stormwater sampling, 2016, City of Santa Fe stormwater outlet #2 into Santa Fe River downstream of Sandoval St. (northside & southside) PCB test exceeded water quality standards (WQS).	PCBs are found in electrical equipment: "legacy sources" (transformers, capacitors, voltage regulators, fluorescent light ballasts), motor oil (motors, parts), thermal insulation.  PCBs "current sources" in by-products from inks and pigments, and adhesives.  PCBs are non-polar and are insoluble in water. PCBs are typically transferred into aquatic environments on the surfaces of particulates (sediment).	Source control (may not be possible for County if specific sources are not within the County).  Sediment control strategies since PCBs are typically transferred into aquatic environments on the surfaces of particulates (sediment).  Litter pick-up (inks/pigments - trash containing printed materials) and public education campaigns for litter.	PCBs are likely to be part of stormwater monitoring requirements and cooperative monitoring is suggested.	None identified.  EPA Regulated PCB Transformer database revised and no areas with County MS4 area were identified.	None identified.
<b>Total Aluminum</b>	Impaired parameter for Santa Fe River from Nichols reservoir to Santa Fe WWTP.  NMED stormwater sampling, 2016, City of Santa Fe stormwater outlet #1 into Santa Fe River downstream of Sandoval St. (southside) Aluminum test exceeded water quality standards (WQS).  Metals can accumulate in waterways and are harmful and even toxic to aquatic life, depending on the specific type and concentration.	Sources: Building materials, such as galvanized metal roofing and gutters, corrosion of aluminum metal surfaces, such as fences, and galvanic corrosion protection for equipment, such as boats and tanks.  Erosion-prone areas and background sediment sources.  Particulate bound and are mobilized with sediment.  Litter.  Roadway maintenance activities: Deicing, road repair areas.	Litter pick-up and public education campaigns for litter.  Sediment control strategies since Aluminum is typically transferred into aquatic environments on the surfaces of particulates (sediment).  Good housekeeping practices for storage, transport, and application of road cinders/salt.  GSI practices use surface infiltration to manage stormwater runoff from areas where metals must be used.	City of Santa Fe has efforts started related to sediment concerns at West Alameda.  NMDOT has litter pick-up contracts, coordinating could improve coverage within the MS4 areas.  Volunteer groups/community groups for litter pickup efforts.	County Public Works Facility.  County roads that are near to and drain to the Santa Fe River or Cienega Creek.  All construction sites greater than 1 acre (per Construction General Permit).  West Alameda between Siler Road and Camino Vistas Encantada (City annexed area, that County has agreed to assist with).	Similar priority areas to road cinders/salt and sediment pollutants of concern.
<b>Nutrients</b>	Impaired parameter for Santa Fe River from Santa Fe WWTP to Cochiti Pueblo (downstream of MS4).	Eroding riparian areas. Many efforts along the river have improved this and sediment concerns. Restoration efforts transformed the impaired reach of the Santa Fe River from an erosion-prone, barren area into a lush preserve with abundant riparian vegetation and wildlife.  Cattle grazing.  Pet/animal waste.  Former landfill/dumping grounds facility south of Romero Park.	Restoration efforts along streambanks. Focus on native vegetation and invasive vegetation removal.  Pet waste: Public education and available pet waste stations/maintenance of stations.	River restoration project opportunities with City of Santa Fe or non-profit organization.	County open space and restoration activities along the Santa Fe river.	County open space areas along Santa Fe River.  Former landfill/dumping grounds facility south of Romero Park: unsure of all dumped materials at the legacy dumping ground -- degrading organics materials could lead to nutrient concerns.